



## Form PTO-1449 (modified)

List of Patents and Publications for Applicant's

## INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Atty. Docket No.  
SILA:035C2Serial No.  
10/681,405Applicant  
David R. Welland and Caiyi WangFiling Date:  
October 8, 2003

Group:

U.S. Patent Documents  
See Page 1Foreign Patent Documents  
See Page N/AOther Art  
See Page N/A

## U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date if App.
T6	A86	6,621,362	9/16/03	Momtaz et al.			May 18, 2001

## Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No
	B1						

## Other Art (Including Author, Title, Date, Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
	C1	

Examiner: T. Besesse

Date Considered: 1/4/05

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See Pages 1-5Foreign Patent Documents  
See Page 5Other Art  
See Pages 5-6**U.S. Patent Documents**

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date if App.
<input checked="" type="checkbox"/>	A1	4,179,670	12/18/79	Kingsbury	331	10	1/27/78
<input checked="" type="checkbox"/>	A2	4,204,174	5/20/80	King	331	10	11/9/78
<input type="checkbox"/>	A3	4,686,488	8/11/87	Attenborough	331	2	1/31/86
<input type="checkbox"/>	A4	4,758,802	7/19/88	Jackson	331	10	2/21/86
<input type="checkbox"/>	A5	4,800,432	1/24/89	Barnett et al.	358	160	10/24/86
<input type="checkbox"/>	A6	5,055,802	10/8/91	Hietala et al.	331	16	4/30/90
<input type="checkbox"/>	A7	5,079,521	1/7/92	Gaskell et al.	331	1	11/21/90
<input type="checkbox"/>	A8	5,224,132	6/29/93	Goldberg	377	48	1/17/92
<input type="checkbox"/>	A9	5,379,003	1/3/95	Bizen	331	117	12/9/93
<input type="checkbox"/>	A10	5,446,767	8/29/95	Nakagawa et al.	375	376	4/20/93
<input type="checkbox"/>	A11	5,517,534	5/14/96	Knierim	375	371	11/14/94
<input type="checkbox"/>	A12	5,534,825	7/9/96	Goma et al.	331	117	4/28/95
<input type="checkbox"/>	A13	5,539,359	7/23/96	Goma	331	117	3/29/95
<input type="checkbox"/>	A14	5,576,667	11/19/96	Goma	331	117	11/21/95
<input type="checkbox"/>	A15	5,581,584	12/3/96	Inoue et al.	375	376	7/2/94
<input type="checkbox"/>	A16	3,571,743	3/23/71	Menkes	331	11	—
<input type="checkbox"/>	A17	3,899,746	8/12/75	Gammel	331	2	—
<input type="checkbox"/>	A18	4,009,448	2/22/77	Hopwood et al.	331	4	—
<input type="checkbox"/>	A19	4,099,137	7/4/78	Alm, Jr., et al.	331	16	—
<input type="checkbox"/>	A20	4,805,198	2/14/89	Stern et al.	375	118	—
<input checked="" type="checkbox"/>	A21	4,888,564	12/19/89	Ishigaki	331	1	—

Examiner:

T. Gesa

Date Considered:

1/4/05

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See Pages 1-5Foreign Patent Documents  
See Page 5Other Art  
See Pages 5-6**U.S. Patent Documents**

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date if App.
<i>Φ</i>	A22	5,315,269	5/24/94	Fujii	331	1	—
<i>Φ</i>	A23	5,495,205	2/27/96	Parker et al.	331	1	—
	A24	5,625,325	4/29/97	Rotzoll et al.	331	16	—
	A25	5,648,744	7/15/97	Prakash et al.	331	11	—
	A26	5,686,864	11/11/97	Martin et al.	331	1	—
	A27	5,739,730	4/14/98	Rotzoll	331	177	—
	A28	5,852,384	12/22/98	Sakakura et al.	331	48	—
	A29	5,856,763	1/5/99	Reeser et al.	331	49	—
	A30	5,936,474	8/10/99	Rousselin	331	34	—
	A31	5,157,358	10/20/92	Benson	332	100	—
	A32	4,205,272	5/27/80	Kumagai	455	83	—
	A33	5,758,276	5/26/98	Shirakawa, et al.	455	314	—
	A34	4,980,653	12/25/90	Shepherd	331	15	—
	A35	5,909,150	10/23/97	Kostelnik, et al.	331	34	—
	A36	4,713,631	12/15/87	Enderby, et al.	331	15	—
	A37	3,538,450	11/03/70	Andrea, et al.	331	10	11/4/68
	A38	4,484,153	11/20/84	Borras, et al.	331	10	4/6/81
	A39	4,602,220	7/22/86	Kurihara	331	19	8/14/85
	A40	4,893,087	1/9/90	Davis	328	14	1/7/88
	A41	4,905,306	2/27/90	Anderson	455	191	2/26/88
<i>✓</i>	A42	4,926,144	5/15/90	Bell	332	124	9/29/88

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Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date if App.
<i>[initials]</i>	A43	4,998,077	3/5/91	Nanni et al.	331	99	12/20/89
<i>[initials]</i>	A44	5,034,703	7/23/91	Schumacher	331	2	7/11/90
<i>[initials]</i>	A45	5,036,295	7/30/91	Kamitani	331	10	7/30/90
<i>[initials]</i>	A46	5,117,206	5/26/92	Imamura	331	158	12/4/90
<i>[initials]</i>	A47	5,175,884	12/29/92	Suarez	455	260	6/1/90
<i>[initials]</i>	A48	5,281,927	1/25/94	Parker	331	1A	5/20/93
<i>[initials]</i>	A49	5,369,376	11/29/94	Leblebicioglu	331	8	11/29/91
<i>[initials]</i>	A50	5,644,270	7/1/97	Moyer et al.	331	34	3/15/96
<i>[initials]</i>	A51	5,691,669	11/25/97	Tsai et al.	331	17	1/11/96
<i>[initials]</i>	A52	5,740,524	4/14/98	Pace et al.	455	232.1	12/14/95
<i>[initials]</i>	A53	5,748,043	5/5/98	Koslov	331	1A	11/1/96
<i>[initials]</i>	A54	5,808,531	9/15/98	Nakano	334	15	11/8/96
<i>[initials]</i>	A55	5,844,868	12/1/98	Takahashi et al.	369	6	3/26/97
<i>[initials]</i>	A56	5,867,069	2/2/99	Kiser	331	96	6/9/98
<i>[initials]</i>	A57	5,898,345	4/27/99	Namura et al.	331	177 V	7/14/97
<i>[initials]</i>	A58	5,963,100	10/5/99	Tolson et al.	331	17	2/24/98
<i>[initials]</i>	A59	5,705,955	1/6/98	Freeburg et al.	331	14	12/21/95
<i>[initials]</i>	A60	4,926,140	05/15/90	Schenberg	331	1 A	7/19/89
<i>[initials]</i>	A61	5,038,117	08/06/91	Miller	331	16	9/7/90
<i>[initials]</i>	A62	5,258,720	11/02/93	Tanis, et al.	328	133	3/2/84
<i>[initials]</i>	A63	5,258,724	11/02/93	Tanis, et al.	331	1 A	12/30/83

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See Page 5Other Art  
See Pages 5-6**U.S. Patent Documents**

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date if App.
<u>TE</u>	A64	5,661,269	08/26/97	Fukazaki, et al.	178	18	3/17/95
<u>TE</u>	A65	5,561,398	10/01/96	Rasmussen	331	36	5/16/95
	A66	5,619,148	04/08/97	Guo	327	3	10/10/95
	A67	6,016,332	01/18/00	Smith, et al.	375	376	12/19/97
	A68	6,028,488	2/22/00	Landman et al.			10/30/97
	A69	6,150,891	11/21/00	Welland et al.			5/29/98
	A70	6,147,567	11/14/00	Welland et al.			5/29/98
	A71	6,130,577	10/10/00	Tamba et al.			7/11/96
	A72	3,983,485	9/28/76	Stuart			2/28/75
	A73	6,137,372	10/24/00	Welland			5/29/98
	A74	4,888,560	12/19/89	Ogura			7/15/88
	A75	4,255,714	3/10/81	Rosen			2/21/79
	A76	4,623,926	11/18/86	Sakamoto			11/9/83
	A77	5,006,819	4/9/91	Buchan			5/21/90
	A78	5,418,497	5/23/95	Martin			7/5/94
	A79	5,698,469	12/16/97	Mohwinkel et al.			3/6/95
	A80	5,949,291	9/7/99	Newland	331	18	
	A81	4,057,760	11/8/77	Koch	325	455	6/7/76
	A82	5,831,482	11/3/98	Salvi et al.	331	1 R	3/3/97
	A83	5,351,014	9/27/94	Ichiyoshi	331	1 A	8/2/93
<u>✓</u>	A84	5,334,952	8/2/94	Maddy et al.	331	1A	3/29/93

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U.S. Patent Documents							
Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date if App.
<i>B</i>	A85	4,771,248	9/13/88	Crawford et al.			12/22/86






Foreign Patent Documents							
Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Translation Yes/No
<i>B</i>	B1	JP359127408A	7/1984	Shibata et al.	H03C	3/22	English Abstract
	B2	JP357058403A	4/1982	Urabe et al.	331	1R	English Abstract
<i>I</i>	B3	JP403258103A	11/1991	Kitamura et al.	331	155	English Abstract
	B4	JP302298107A	12/1990	Obayashi	331	107R	English Abstract
	B5	JP403070202A	3/1991	Araki	331	155	English Abstract
<i>J</i>	B6	JP04035302A	2/1992	Nec Corp.	H03B	5/20	English Abstract


Other Art (Including Author, Title, Date, Pertinent Pages, Etc.)		
Exam. Init.	Ref. Des.	Citation
<i>B</i>	C1	Cong, et al., "Multigigahertz CMOS Dual-Modulus Prescaler IC" IEEE Journal of Solid-State Circuits, Vol. 23, No. 5; pp. 1189-1194; (October 1988)
<i>B</i>	C2	Duncan, et al., "A 1 GHz Quadrature Sinusoidal Oscillator," IEEE 1995 Custom Integrated Circuits Conference; pp. 91-94; (1995)
<i>E</i>	C3	Craninckx, et al., "A 1.8-GHz CMOS Low-Phase-Noise Voltage-Controlled Oscillator with Prescaler," IEEE Journal of Solid-State Circuits, Vol. 30, No. 12; pp. 1474-1482; (December 1995)
<i>IF</i>	C4	Chang, et al., "A 1.2 GHz CMOS Dual-Modulus Prescaler Using New Dynamic D-Type Flip-Flops," IEEE Journal of Solid-State Circuits, Vol. 31, No. 5; pp. 749-752; (May 1996)

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Other Art (Including Author, Title, Date, Pertinent Pages, Etc.)		
Exam. Init.	Ref. Des.	Citation
	C5	Rudell, et al., "Second Generation Multi-Standard Monolithic CMOS RF Transceiver," University of California, Berkeley, Slides 1 through 9 (June 1996)
	C6	Cho, et al., "Multi-Standard Monolithic CMOS RF Transceiver," University of California, Berkeley, Slides 1 through 26 (June 1996)
	C7	Craninckx et al., "A 1.75-GHz/3-V Dual-Modulus Divide-by-128/129 Prescaler in 0.7- $\mu$ m CMOS," IEEE Journal of Solid-State Circuits, Vol. 31, No. 7; pp. 890-897; (July 1996)
	C8	National Semiconductor Corp., "LMX2330L/LMX2331L/LMX2332L PLLatinum™ Low Power Dual Frequency Synthesizer for RF Personal Communications," Datasheet (February 1998)
	C9	Kral et al., "RF-CMOS Oscillators with Switched Tuning," Custom IC Conference, Santa Clara, CA, 4 sheets appearing on pp. 555-558 of the proceedings (May 1998)

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